



PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q94138

Manabu YOSHIMURA, et al.

Appln. No.: 10/573,858

Group Art Unit: 2834

Confirmation No.: 4330

Examiner: Unknown

Filed: March 29, 2006

For: INVERTER DEVICE

Submission of English Translation of International Preliminary Examination Report

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith please find an English Translation of the International Preliminary Examination Report issued in the international stage of this case. The Examiner is respectfully requested to acknowledge receipt of this English Translation of the International Preliminary Report.

Respectfully submitted,

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: September 26, 2006

I. Basis of the report

1. With regard to the elements of the international application:

- ☐ the international application as originally filed
- ☒ the description:
pages _____, 1, 2, 5-13 _____, as originally filed
pages _____, filed with the demand
pages _____, 3, 4 _____, filed with the letter of _____ 22 August 2005 (22.08.2005)
- ☒ the claims:
pages _____, as originally filed
pages _____, as amended (together with any statement under Article 19
pages _____, filed with the demand
pages _____, 3, 4 _____, filed with the letter of _____ 22 August 2005 (22.08.2005)
- ☒ the drawings:
pages _____, 1-7 _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☒ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☒ the claims, Nos. _____ 1, 2, 5, 6 _____
- ☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	3, 4	YES
	Claims		NO
Inventive step (IS)	Claims	3, 4	YES
	Claims		NO
Industrial applicability (IA)	Claims	3, 4	YES
	Claims		NO

2. Citations and explanations

Document 1: JP 2001-197725 A (Fuji Electric Co., Ltd.), 19 July 2001

Document 2: JP 1-303063 A (Daikin Industries, Ltd.), 06 December 1989

Document 3: JP 4-172972 A (Mitsubishi Electric Corp.), 19 June 1992

Document 4: JP 6-22556 A (Meidensha Corp.), 28 January 1994

The invention set forth in claims 3 and 4 involves an inventive step in relation to the documents that are cited in the international search report. Documents 1 to 4 do not disclose either the feature wherein a "larger number of output voltage command values are calculated in cases when the frequency command value is greater than a prescribed value relative to cases when the frequency command value is less than the prescribed value" or the feature wherein a "plurality of output voltage command values are calculated in cases when the frequency command value is greater than a prescribed value, and a single output voltage command value is calculated in cases when the frequency command value is less than the prescribed value," and it would not have been easy to conceive of the features in question, even for a person skilled in the art.